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Docket No. G-091US05DIV
Serial No. 09/992,095In the Claims

1-29 (Canceled).

30. (Currently Amended) A Plasminute polypeptide encoded by ~~the~~ an isolated polynucleotide of claim 29 comprising an open reading frame of the human cDNA of deposited clone 789749 182-14-3-0-C12-F.

31. (Currently Amended) A Plasminute ~~polypeptide~~ protease consisting of amino acids 1 to 207 of SI:Q ID NO:54, ~~or a polypeptide fragment thereof.~~

32-33. (Canceled)

34. (Currently Amended) ~~The polypeptide or polypeptide fragment of claim 33~~ protease of claim 31, wherein said ~~biological activity~~ protease is a serine protease activity.

35. (Canceled)

36. (Currently Amended) A composition comprising the ~~polypeptide~~ protease of claim 31 and a physiologically acceptable carrier.

37-52. (Canceled)

53. (New) A composition comprising the polypeptide of claim 34 and a physiologically acceptable carrier.

54. (New) A composition comprising the polypeptide of claim 30 and a physiologically acceptable carrier.

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55. (New) A method of digesting a protein comprising contacting a protein with a) a Plasminute polypeptide encoded by an isolated polynucleotide comprising an open reading frame of the human cDNA of deposited clone 789749_182-14-3-0-C12-F; b) a Plasminute protease consisting of amino acids 1 to 207 of SEQ ID NO:54; or c) compositions thereof under conditions that allow for the digestion of said protein.

56. (New) The method of claim 55, wherein a protein is contacted with a Plasminute polypeptide encoded by an isolated polynucleotide comprising an open reading frame of the human cDNA of deposited clone 789749_182-14-3-0-C12-F.

57. (New) The method of claim 55, wherein a protein is contacted with a Plasminute protease consisting of amino acids 1 to 207 of SEQ ID NO:54.

58. (New) The method of claim 55, wherein a protein is contacted with a composition comprising a carrier and a Plasminute protease consisting of amino acids 1 to 207 of SEQ ID NO:54.

59. (New) The method of claim 55, wherein a protein is contacted with a composition comprising a carrier and a Plasminute polypeptide encoded by an isolated polynucleotide comprising an open reading frame of the human cDNA of deposited clone 789749_182-14-3-0-C12-F.